

SUSPENSION STOP DEVICE

Patent number: JP2003535740 (T)
Publication date: 2003-12-02

Inventor(s):

Applicant(s):

Classification:

- international: B60G11/16; B60G7/04; B60G15/06; F16C33/76;
F16C35/06; F16F9/32; B60G11/00; B60G7/00; B60G15/00;
F16C33/76; F16C35/04; F16F9/32; (IPC1-7): B60G11/16;
B60G7/04; F16C33/78; F16C35/06; F16F9/32

- european: B60G15/06F1; B60G15/06D1

Application number: JP20010588031T 20010413

Priority number(s): FR20000006886 20000530; WO2001FR01148 20010413

Also published as:

- WO0192040 (A1)
- US2003137091 (A1)
- US6736381 (B2)
- MXPA02011264 (A)
- FR2809675 (A1)

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Abstract not available for JP 2003535740 (T)

Abstract of correspondent: WO 0192040 (A1)

The invention concerns a suspension stop device, for a motor vehicle driving wheel's, comprising a filtering block, consisting of an upper housing fixed relative to the vehicle body and co-operating with a lower housing mobile in rotation about a shock absorber rod and supporting a suspension spring, and a ball bearing. Said upper (21) and lower (23) housings are made of thermoplastic material and have opposite surfaces hollowed out in a circle, about the rotation axis (delta) of the shock absorber rod (24), to receive a raceway for the ball bearing (22). The upper housing (21) further incorporates an impact stop (42) moulded around the leading stop (41) of the shock absorbing device, and the thermoplastic structure of the upper housing (21) is reinforced by a ring (45) made of overmoulded elastomer.

